

CLAIMS

1. A hand towed piece of luggage comprising:

a piece of luggage;

at least one wheel connected to the piece of luggage, said wheel having a wheel rotation axis;

5 a towing arm including a pole, said pole having a length with opposite proximal and distal ends, said distal end of said pole being arranged to move from a retracted position to an extended position; and

a towing handle having a grip portion with a principal dimension, said towing handle operatively connected to said distal end of said towing arm for pivoting movement of said

10 towing handle about at least two pivot axes relative to said distal end of said pole in said extended position;

wherein, in said retracted position, said grip portion is arranged so said principal dimension is generally perpendicular to said wheel axis

2. The hand towed piece of luggage of claim 1, further comprising:

15 one of said at least two pivot axes being oriented substantially parallel to said wheel rotation axis.

3. The hand towed piece of luggage of claim 1, further comprising:

said at least two pivot axes comprising a first axis and second axis that intersect each other in generally perpendicular relation.

20 4. The hand towed piece of luggage of claim 1, wherein said movement between said retracted and said extended position is telescoping movement.

5. The hand towed piece of luggage of claim 4, further comprising:

said pole being comprised of at least two telescoping sections that are slidably attached to each other for relative telescoping movement.

6. The hand towed piece of luggage of claim 4, further comprising
a locking mechanism operatively connected to said pole so said pole can be locked in said
5 extended position.

7. The hand towed piece of luggage of claim 1 wherein said towing arm is a dual-pole towing arm including at least two poles.

8. The hand towed piece of luggage of claim 1 where said towing arm is a monopole towing arm including only a single pole.

10 9. A hand towed piece of luggage comprising:
a piece of luggage;
at least one wheel connected to the piece of luggage, said wheel having a wheel rotation axis;
a towing arm including a pole, said pole having a length with opposite proximal and distal
ends, said distal end of said pole being arranged to move from a retracted position to an extended
15 position; and

a towing handle having a grip portion with a principal dimension, said towing handle being operatively connected to said distal end of said towing arm for pivoting movement of said towing handle about at least three pivot axes relative to said distal end of said towing arm.

10. The piece of luggage of claim 9 wherein at least two of said axes are parallel to each other.

20 11. The piece of luggage of claim 9 wherein at least two of said axes are perpendicular to each other.

12. The piece of luggage of claim 9 wherein said towing handle is connected to said distal end of said towing arm via a pivot mechanism comprising:

a knuckle; and

an intermediate arm having an upper portion and a lower portion with a length
therebetween;

wherein, said handle rotates about a first of said at least three axes of rotation relative to said
5 knuckle;

wherein said knuckle rotates about a second of said at least three axes of rotation relative to
said intermediate arm; and

wherein said intermediate arm rotates about a third of said at least three axes of rotation
relative to said towing arm.

10 13. The piece of baggage of claim 12 wherein said first axis of rotation and said second axis of
rotation are perpendicular.

14. The piece of baggage of claim 12 wherein said third axis of rotation and said second axis of
rotation are parallel.

15 15. The piece of baggage of claim 12 wherein when said towing arm is in said retracted position
said principal dimension of said grip portion and said length of said intermediate arm are
arranged generally parallel to each other.

16. The piece of baggage of claim 12 wherein when said towing arm is in said retracted position
said principal dimension of said grip portion and said towing arm are arranged generally
perpendicular to each other

20 17. The piece of baggage of claim 12 wherein said luggage is of generally parallelepiped shape
having a top face and a back face.

18. The piece of baggage of claim 17 wherein when said towing arm is in said retracted position,
said principal dimension of said grip portion is generally parallel to said top face.

19. The piece of baggage of claim 18 wherein when said towing arm is in said retracted position, said principal dimension of said grip portion is generally co-planar to said top face.
20. The piece of baggage of claim 18 wherein when said towing arm is in said retracted position, said length of said intermediate arm is generally parallel to said top face.
- 5 21. The piece of baggage of claim 18 wherein when said towing arm is in said retracted position, said principal dimension of said grip portion is generally arranged at about a 90 degree angle with said towing arm.
22. The piece of baggage of claim 17 wherein when said towing arm is in said retracted position, said principal dimension of said grip portion is generally parallel to said back face.
- 10 23. The piece of baggage of claim 22 wherein when said towing arm is in said retracted position, said principal dimension of said grip portion is generally co-planar to said back face.
24. The piece of luggage of claim 9 wherein said towing arm is a dual-pole towing arm including at least two poles.
25. The piece of luggage of claim 24 wherein said poles are connected at their distal ends by a
15 bridge.
26. The piece of luggage of claim 25 wherein at least one of said at least three axes is parallel to said bridge.
27. The piece of luggage of claim 26 wherein at least one of said at least three axes is collinear with said bridge.
- 20 28. A hand towed piece of luggage comprising:
a piece of luggage arranged to generally be a parallelepiped and having a top face and a bottom face on opposite sides thereof;

at least one wheel connected to the piece of luggage toward said bottom face thereof, said wheel having a wheel rotation axis;

a towing arm including a pole, said pole having a length with opposite proximal and distal ends, said distal end of said pole being arranged to move from a retracted position to an extended position; and

a towing handle connected to said distal end of said towing arm so as to be able to rotate about said distal end of said towing arm, said towing handle including a grip portion with a principal dimension;

wherein, in said retracted position, said grip portion is arranged so said principal dimension is generally perpendicular to said wheel axis and said principal dimension is generally parallel to said top face.